



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

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No. 49042
Exp. 09-30-08
CIVIL
STATE OF CALIFORNIA

November 17, 2006
PLANS APPROVAL DATE

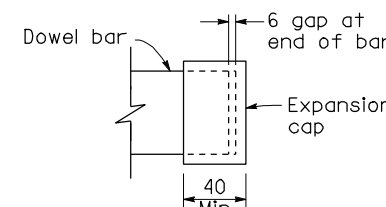
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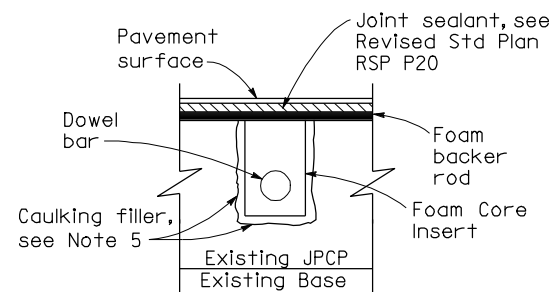
To accompany plans dated _____

NOTES

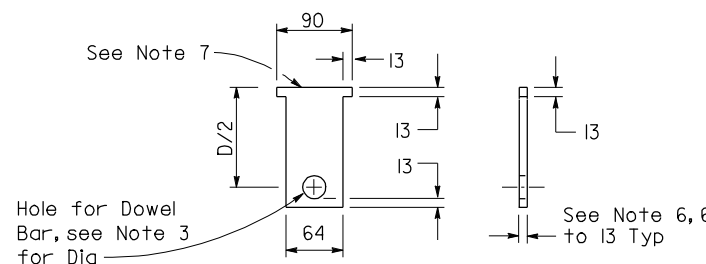
- See Project Plans for existing pavement thickness, D, and the lanes to be retrofitted.
- The details shown on this plan for dowel bar retrofit also apply to existing concrete pavement constructed with transverse joints at right angles to longitudinal pavement joints.
- 38 mm diameter smooth epoxy coated dowels 460 mm \pm 6 mm in length are to be used when the existing pavement thickness, D, is equal to or greater than 215 mm. For a pavement thickness, D, less than 215 mm, use 32 mm diameter smooth epoxy coated dowels 460 mm \pm 6 mm in length.
- Where the existing outer shoulder pavement is asphalt concrete or portland cement concrete without tie bars in the longitudinal joints of the retrofit lane, the 'a' dimension shall be 300 mm and the 'b' dimension shall be 600 mm.
- Seal existing transverse joint at bottom and sides of the dowel bar slot with caulking filler prior to placing dowel bar and foam core insert.
- Thickness of foam core insert to match width of existing transverse weakened plane joint.
- The top of the foam core insert is to match the top of the existing pavement surface initially. The upper portion of insert will be removed during shaping of the sealant reservoir.
- Plan only applicable when longitudinal joints coincide with lane line pavement delineation.



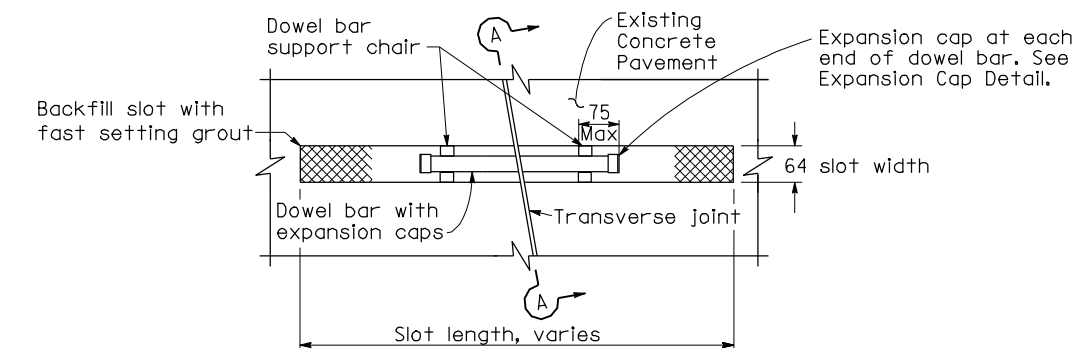
EXPANSION CAP
DETAIL



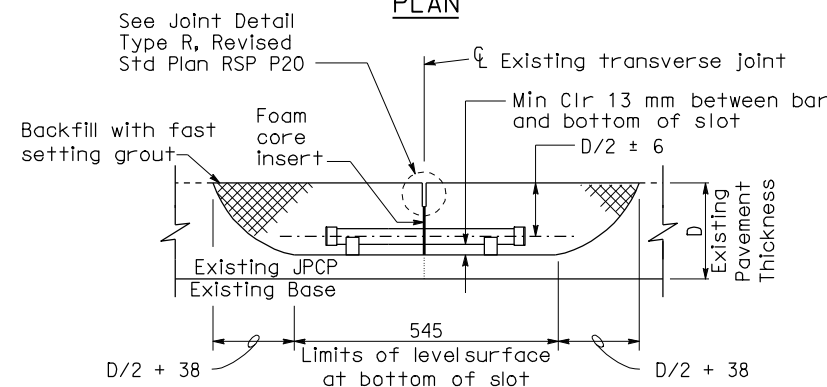
SECTION A-A



FOAM CORE INSERT DETAIL



PLAN



ELEVATION

DOWEL BAR PLACEMENT DETAIL

3 DOWELS PER WHEEL PATH

See Notes 1, 2 and 8

4 DOWELS PER WHEEL PATH

See Notes 1, 2 and 8

Direction of Travel →

Direction of Travel →